

Consumer Confidence Report Certification Form

Water System Name: **SJC MICKE GROVE PARK**

Water System Number: **3900511**

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 6/12/14 (date) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the Department of Public Health.

Certified By: Name ROBERT NASGIMENTO
 Signature [Signature]
 Title PARK MAINTENANCE SUPERVISOR
 Phone Number (209) 331-2048 Date 6/12/14

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

☒ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery method used: POSTED ON SITE.

 "Good faith" efforts were used to reach non-bill paying customers. Those efforts included the following methods:

 Posted the CCR on the internet at www.

 Mailed the CCR to postal patrons within the service area (attach zip codes used)

 Advertised the availability of the CCR in news media (attach copy of press release)

 Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of the newspaper and date published)

☒ Posted the CCR in public places (attach a list of locations)

 Delivery of multiple copies of CCR to single bill addresses serving several persons, such as apartments, businesses and schools

 Delivery to community organizations (attach a list of organizations)

 For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: www.

 For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission

2013 Consumer Confidence Report

Water System Name: **SJC MICKE GROVE PARK**

Report Date: **June 2014**

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2013

Este informe contiene información muy importante sobre su agua beber. Tradúzcalo ó hable con alguien que lo entienda bien.

Type of water sources(s) in use: According to CDPH records, NORTHWEST WELL is Groundwater. This Assessment was done using the Default Groundwater System Method. This info is not available for SOUTH WELL as this water system does not have a completed assessment on file for this source. Please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

Your water comes from 2 sources: Northwest Well and South Well.

For more information about this report, or for any questions relating to your drinking water, please call (209) 838 - 7842 and ask for Quality Service, Inc..

TERMS USED IN THIS REPORT:

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standards (PDWS): MCLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Variances and Exemptions: Department permission to exceed an MCL or not comply with a treatment technique under certain conditions.

ND: not detectable at testing limit

ppm: parts per million or milligrams per liter (mg/L)

ppb: parts per billion or micrograms per liter (µg/L)

umhos/cm: micromhos per centimeter (a measure of conductivity)

TON: threshold odor numbers (a measure of odor)

pCi/l: picocuries per liter (a measure of radioactivity)

The sources of drinking water(both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, spring, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

2013 Consumer Confidence Report

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- *Inorganic contaminants*, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- *Pesticides and herbicides*, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Radioactive contaminants*, which can be naturally occurring or the result of oil production and mining activities.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the California Department of Public Health prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that must provide the same protection for public health.

Tables 1,2,3 and 4 list all of the drinking water contaminants that were detected during the most recent sampling for the constituents. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The Department allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

TABLE 1 - SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA

Microbiological Contaminants (complete if bacteria detected)	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Sources of Contaminant
Total Coliform Bacteria	1/mo. (2013)	0	no more than 1 positive monthly sample	0	Naturally present in the environment.

TABLE 2 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in the last sample set)	No. of Samples Collected	90th Percentile Level	No. Site Exceeding AL	AL	PHG	Typical Sources of Contaminant
Lead (ppb)	5 (2011)	2.55	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits
Copper (ppm)	5 (2011)	0.086	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

TABLE 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG) (MRDLG)	Typical Sources of Contaminant
Arsenic (ppb)	(2012 - 2013)	3.0	3 - 3	10	n/a	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes

2013 Consumer Confidence Report

TABLE 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Barium (ppm)	(2012 - 2013)	0.07	ND - 0.1	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Nitrate (ppm)	(2013)	6	5 - 8	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2007)	2.5	1.7 - 3.4	15	(0)	Erosion of natural deposits.
Uranium (pCi/L)	(2006)	3.4	3 - 3	20	0.43	Erosion of natural deposits
Dibromochloropropane (DBCP) (ppt)	(2013)	72	ND - 740	200	1.7	Banned nematocide that may still be present in soils due to runoff/leaching from former use on soybeans, cotton, vineyards, tomatoes, and tree fruit

TABLE 4 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Vanadium (ppm)	(2012 - 2013)	0.03	0.03 - 0.03	0.05	The babies of some pregnant women who drink water containing vanadium in excess of the action level may have an increased risk of developmental effects, based on studies in laboratory animals.

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care provider. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

For Lead (Pb), If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. *SJC MICKE GROVE PARK* is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

SJC MICKE GROVE PARK

Analytical Results By FGL - 2013

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Coliform Bacteria			0	5%				33.3 %	0 - 1
After Tank Sout	STK1351968-002					12/10/2013	<1.0		
South Well Effl	STK1351968-003					12/10/2013	<1.0		
MickeGro-ZooST	STK1351777-001					12/05/2013	Absent		
Micke Grove NW	STK1351667-001					12/02/2013	<1.0		
Aftor Treatment	STK1351667-002					12/02/2013	<1.0		
HB-Bathroom S/W	STK1350723-001					11/04/2013	Absent		
MickeGro-ZooST	STK1350041-001					10/10/2013	Absent		
HB-Bathroom S/W	STK1338713-001					09/06/2013	Absent		
MickeGro-ZooST	STK1337991-001					08/08/2013	Absent		
House HB	STK1336950-001					07/11/2013	<1.0		
House HB	STK1336797-001					07/09/2013	12.4		
HB-Bathroom S/W	STK1336406-001					07/02/2013	Absent		
MickeGro-ZooST	STK1335396-001					06/04/2013	Absent		
HB-Bathroom S/W	STK1334221-001					05/07/2013	Absent		
MickeGro-ZooST	STK1332954-001					04/03/2013	Absent		
ST N,Bathroom	STK1332713-001					03/26/2013	<1.0		
Northwest Well	STK1332713-002					03/26/2013	<1.0		
N.TreatmentEff.	STK1332713-003					03/26/2013	<1.0		
Zoo Employee RR	STK1332713-004					03/26/2013	<1.0		
Memorial Bldg.	STK1332713-005					03/26/2013	<1.0		
S.TreatmentEff.	STK1332713-007					03/26/2013	<1.0		
Golf Pro Shop	STK1332713-008					03/26/2013	<1.0		
N. WELL	STK1332194-001					03/11/2013	<1.0		
Inlet to Vessel	STK1332194-002					03/11/2013	<1.0		
HB-Bathroom S/W	STK1331899-001					03/05/2013	Absent		
MickeGro-ZooST	STK1331055-001					02/07/2013	Absent		
Micke Gro-N Brm	STK1330782-001					01/28/2013	<1.0		
Micke Grove NW	STK1330782-002					01/28/2013	<1.0		
Effluent Carbon	STK1330782-003					01/28/2013	<1.0		
MemorialBldgRR	STK1330782-004					01/28/2013	<1.0		
Micke Gro-ZooBS	STK1330782-005					01/28/2013	<1.0		
Effluent Carbon	STK1330782-007					01/28/2013	<1.0		
Golf Pro	STK1330782-008					01/28/2013	<1.0		
HB-Bathroom S/W	STK1330186-001					01/07/2013	Absent		

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Lead		ppb	0	15	0.2			2.55	5
Auditorium-Kite	STK1138392-001	ppb				09/15/2011	0.300		
Calavers-Picnic	STK1138392-002	ppb				09/15/2011	0.00		
Camanche-Picnic	STK1138392-003	ppb				09/15/2011	1.20		
Delta Shelter-K	STK1138392-005	ppb				09/15/2011	0.600		
Stanislaus-Picn	STK1138392-004	ppb				09/15/2011	3.90		
Copper		ppm		1.3	.3			0.086	5
Auditorium-Kite	STK1138392-001	ppm				09/15/2011	0.00		
Calavers-Picnic	STK1138392-002	ppm				09/15/2011	0.00500		
Camanche-Picnic	STK1138392-003	ppm				09/15/2011	0.0220		
Delta Shelter-K	STK1138392-005	ppm				09/15/2011	0.149		
Stanislaus-Picn	STK1138392-004	ppm				09/15/2011	0.00		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ppb		10	n/a			3.0	3 - 3
WELL-NrthWst	STK1351774-001	ppb				12/05/2013	3.00		
WELL-South	STK1236099-001	ppb				07/02/2012	3.00		
Barium		ppm	2	1	2			0.07	0.0 - 0.1
WELL-NrthWst	STK1351774-001	ppm				12/05/2013	0.0881		

SJC MICKE GROVE PARK

Analytical Results By FGL - 2013

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Barium									
WELL-South	STK1236099-001	ppm				07/02/2012	0.135		
Nitrate				45	45			6	5 - 8
WELL-South	STK1336471-001	ppm				07/02/2013	7.50		
WELL- NthWst	STK1330185-001	ppm				01/07/2013	4.50		
Gross Alpha		pCi/L		15	(0)			2.5	1.7 - 3.4
Micke Grove NW	STK0752036-001	pCi/L				12/17/2007	2.48		
Micke Grove S.	STK0752036-002	pCi/L				12/17/2007	1.66		
Micke Grove NW	STK0738805-001	pCi/L				09/20/2007	2.36		
Micke Grove S.	STK0738805-002	pCi/L				09/20/2007	3.43		
Micke Grove NW	STK0735732-001	pCi/L				06/28/2007	2.34		
Micke Grove S.	STK0735732-002	pCi/L				06/28/2007	2.96		
Uranium		pCi/L		20	0.43			3.4	3 - 3
Micke Grove NW	STK0638292-001	pCi/L				09/27/2006	3.44		
Dibromochloropropane (DBCP)		ppt		200	1.7			72	0 - 740
Northwest Efflu	STK1351782-001	ppt				12/06/2013	0.00		
Southeast Effl	STK1351782-002	ppt				12/06/2013	0.00		
Effl Filt 1- No	STK1351775-001	ppt				12/05/2013	80.0		
Effl Filt 1- So	STK1351776-001	ppt				12/05/2013	40.0		
Effl Filt 1- So	STK1350724-001	ppt				11/04/2013	70.0		
Effl Filt 1- No	STK1350725-001	ppt				11/04/2013	30.0		
North Well Vess	STK1350386-003	ppt				10/17/2013	0.00		
North Well Vess	STK1350386-004	ppt				10/17/2013	0.00		
Effl Filt 1- So	STK1350042-001	ppt				10/10/2013	200		
Effl Filt 1- No	STK1350043-001	ppt				10/10/2013	20.0		
Effl Filt 1- So	STK1338711-001	ppt				09/06/2013	150		
Effl Filt 1- No	STK1338712-001	ppt				09/06/2013	40.0		
Effl Filt 1- No	STK1337989-001	ppt				08/08/2013	0.00		
Effl Filt 1- So	STK1337990-001	ppt				08/08/2013	30.0		
Effl Filt 1- No	STK1336468-001	ppt				07/02/2013	0.00		
Effl Filt 1- So	STK1336469-001	ppt				07/02/2013	100		
Micke Grove S.	STK1336470-001	ppt				07/02/2013	740		
Effl Filt 1- So	STK1335357-001	ppt				06/04/2013	40.0		
Effl Filt 1- No	STK1335395-001	ppt				06/04/2013	0.00		
Effl Filt 1- No	STK1334222-001	ppt				05/07/2013	0.00		
Effl Filt 1- So	STK1334223-001	ppt				05/07/2013	0.00		
Effl Filt 1- So	STK1332953-001	ppt				04/03/2013	0.00		
Effl Filt 1- No	STK1332955-001	ppt				04/03/2013	0.00		
Micke Grove NW	STK1331897-001	ppt				03/05/2013	610		
Effl Filt 1- No	STK1331898-001	ppt				03/05/2013	0.00		
Effl Filt 1- So	STK1331900-001	ppt				03/05/2013	0.00		
Effl Filt 1- So	STK1331054-001	ppt				02/07/2013	0.00		
Effl Filt 1- No	STK1331056-001	ppt				02/07/2013	0.00		
Effl Filt 1- No	STK1330183-001	ppt				01/07/2013	0.00		
Effl Filt 1- So	STK1330184-001	ppt				01/07/2013	0.00		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Vanadium		ppm		NS				0.03	0.03 - 0.03
WELL-NthWst	STK1351774-001	ppm				12/05/2013	0.0270		
WELL-South	STK1236099-001	ppm				07/02/2012	0.0250		

SJC MICKE GROVE PARK CCR Login Linkage - 2013

FGL CODE	DATE SAMPLED	LAB ID	METHOD	DESCRIPTION	PROPERTY
Micke Grove S.	12/17/2007	STK0752036-002	Radio Chemistry	South Well	Micke Grove - Radio
	03/27/2008	STK0832930-002	Radio Chemistry	South Well	Micke Grove - Ra 228
	06/10/2008	STK0835785-002	Radio Chemistry	South Well	Micke Grove - Ra 228
	09/09/2008	STK0839176-002	Radio Chemistry	South Well	Micke Grove - Ra 228
	07/02/2013	STK1336470-001	EPA 504.1	South Well	South Well - 504.1
MickeGro-ZooST	02/07/2013	STK1331055-001	Coliform	Zoo Sample Tap	Bacti Monitoring - Even
	04/03/2013	STK1332954-001	Coliform	Zoo Sample Tap	Bacti Monitoring - Even
	06/04/2013	STK1335396-001	Coliform	Zoo Sample Tap	Bacti Monitoring - Even
	08/08/2013	STK1337991-001	Coliform	Zoo Sample Tap	Bacti Monitoring - Even
	10/10/2013	STK1350041-001	Coliform	Zoo Sample Tap	Bacti Monitoring - Even
	12/05/2013	STK1351777-001	Coliform	Zoo Sample Tap	Bacti Monitoring - Even
N. WELL	03/11/2013	STK1332194-001	Coliform	North Well	Bacteriological Sampling
N.TreatmentEff.	03/26/2013	STK1332713-003	Coliform	North Treatment Effluent	Bacteriological Sampling
North Well Vess	10/17/2013	STK1350386-003	EPA 504.1	North Well Vessel A Eff	DBCP
	10/17/2013	STK1350386-004	EPA 504.1	North Well Vessel B Eff	DBCP
Northwest Efflu	12/06/2013	STK1351782-001	EPA 504.1	Northwest Effluent Lag Filter	SJC MICKE GROVE PARK
Northwest Well	03/26/2013	STK1332713-002	Coliform	Northwest Well	SJC MICKE GROVE PARK
S.TreatmentEff.	03/26/2013	STK1332713-007	Coliform	South Treatment Effluent	Bacteriological Sampling
South Well Effl	12/10/2013	STK1351968-003	Coliform	South Well Effluent Treatment	SJC MICKE GROVE PARK
Southeast Effl	12/06/2013	STK1351782-002	EPA 504.1	Southeast Effluent Lag Filter	SJC MICKE GROVE PARK
ST N.Bathroom	03/26/2013	STK1332713-001	Coliform	ST North Bathroom	Bacteriological Sampling
Stanislaus-Picn	09/15/2011	STK1138392-004	Metals, Total	Stanislaus-Picnic Shelter	Lead & Copper Monitoring
WELL- NrthWst	01/07/2013	STK1330185-001	Wet Chemistry	Northwest Well	Nitrate Monitoring
WELL-NrthWst	03/10/2009	STK0932237-001	EPA 524.2	Northwest Well	VOC Monitoring
	05/02/2012	STK1233818-001	Wet Chemistry	Northwest Well	Perchlorate Monitoring
	12/05/2013	STK1351774-001	Metals, Total	Northwest Well	North Well 3-Year Monitoring
	12/05/2013	STK1351774-001	Wet Chemistry	Northwest Well	North Well 3-Year Monitoring
WELL-South	07/22/2009	STK0936464-001	EPA 524.2	South Well	South Well 3/6 Year Monitoring
	05/02/2012	STK1233818-002	Wet Chemistry	South Well	Perchlorate Monitoring
	07/02/2012	STK1236099-001	Metals, Total	South Well	South Well 3/6 Year Monitoring
	07/02/2012	STK1236099-001	Wet Chemistry	South Well	South Well 3/6 Year Monitoring
	07/02/2013	STK1336471-001	Wet Chemistry	South Well	South Well 3/6 Year Monitoring
Zoo Employee RR	03/26/2013	STK1332713-004	Coliform	Zoo Employee RR	Bacteriological Sampling-Micke Grove